

**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 CFR 1.53(b))

JC860 U.S. PTO
06/27/01

Attorney Docket No. 210352US0X

First Inventor or Application Identifier Ryuichiro IMAI, et al.

Title NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE METHOD

10517
JCG90791517
06/27/01

Assignee Name: 1) National Institute of Advanced Industrial Science and Technology
2) KANKYO ENGINEERING Co., Ltd.
Assignee Address: 1) 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan
2) 1-9-8, Higashi-kanda, Chiyoda-ku, Tokyo 101-0031 Japan

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification Total Sheets **220**
3. Drawing(s) (35 U.S.C. 113) Total Sheets **39**
(Formals)
4. Oath or Declaration Total Pages
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. §1.63(d))
(for continuation / divisional w/ box 17 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).
5. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification or Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation Divisional Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

- This application is a Continuation Division Continuation-in-part (CIP)
of application Serial No. Filed on
- Which was published in English
- Which was not published in English
- This application claims priority of provisional application Serial No. Filed

19. CORRESPONDENCE ADDRESS



22850

(703) 413-3000

FACSIMILE: (703) 413-2220

receive the following
Continuation-in-part
Spec. 133-180
English Specification
as soon as possible

Name:	Norman F. Oblon	Registration No.:	24,618	The PTO listed him (her) as inventor(s) in this application
Signature:	C. Irvin McClelland C. Irvin	Registration Number 21,124	Date:	6/27/01
Name:	Registration Number 21,124	Registration No.:		

Docket No. 210352US0X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Ryuichiro KURANE, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE METHOD

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	58 - 20 =	38	× \$18 =	\$684.00
INDEPENDENT CLAIMS	5 - 3 =	2	× \$80 =	\$160.00
■ MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$270.00
■ LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$710.00
			TOTAL OF ABOVE CALCULATIONS	\$1,954.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
■ FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$130.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$2,084.00

Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.

A check in the amount of to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

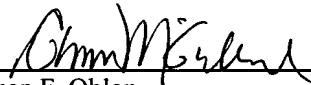
OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Date: 6/27/01



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/00)


Norman F. Oblon

Registration No. 24,618

C. Irvin McClelland
Registration Number 21,124

Docket No. 210352US0X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Ryuichiro KURANE, et al.

FILING DATE: Herewith

FOR: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE METHOD

LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Ryuichiro KURANE	Tsukuba-shi, Japan
Takahiro KANAGAWA	Tsukuba-shi, Japan
Yoichi KAMAGATA	Tsukuba-shi, Japan
Masaki TORIMURA	Tsukuba-shi, Japan
Shinya KURATA	Tokyo, Japan
Kazutaka YAMADA	Tokyo, Japan
Toyokazu YOKOMAKU	Tokyo, Japan

A declaration containing all the necessary information will be submitted at a later date.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.


22850
Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 11/98)


Norman F. Oblon
Registration No. 24,618
C. Irvin McClelland
Registration Number 21,124

LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent No.</u>	<u>Filing or Issue Date</u>	<u>Status or Patentee</u>
PER CLIENT	5,766,889	06/16/98	ATWOOD
PER CLIENT	5,753,444	05/19/98	WU et al.
0163-0758-0X	09/556,127	04/20/00	PENDING
199953US0 X DIV	09/725,265	11/29/00	PENDING
199945US0 X DIV	09/725,256	11/29/00	PENDING